

1. A connection device for attaching to the receiver rail of a weapon, which receiver rail has a top surface and opposite side surfaces, comprising; a base surface and first and second side walls for engaging in an operative position said surfaces of the receiver rail, wherein the base surface is for engaging the top surface of the receiver rail and the first side wall is stationary and is for engaging one of the side surfaces of the receiver rail and the second side wall is moveable between an extended position where it does not engage the opposite side surface of the receiver rail and said operative position where it is retracted and securely engages said opposite side surface of the receiver rail, the second side wall being part of a clamp which is connected to a bolt, wherein the clamp is pushed and pulled between said extended and retracted positions by pushing and pulling the bolt, and wherein the bolt is pushed and pulled by rotation of a cam.
2. The connection device of claim 1 wherein the bolt has first and second ends, one such end extending through the clamp, and where in there is compressible means around said bolt at said end for exerting force on said clamp.
3. The connection device of claim 2 wherein the bolt has a bolt head at said one end and the compressible means are secured between said bolt head and said clamp.

4. The connection device of claim 3 wherein said compressible means comprises Belleville washers.

5. The connection device of claim 2 wherein the cam rotates around a pivot pin and wherein the clamp is connected to the bolt near said one end of the bolt.

6. The connection device of claim 5 wherein the bolt is connected to the pivot pin at its other end.

7. The connection device of claim 2 wherein said bolt near its other end, extends through the first wall and wherein the first wall has a surface opposite the first wall, wherein the cam is situated on and works against said surface.

8. The connection device of claim 7 wherein said cam has an ear and wherein said surface comprises a ledge which said ear works against.

9. The connection device of claim 8 wherein said ledge comprises two parallel ledges and wherein said cam has two parallel ears.

10. The connection device of claim 7 wherein the clamp is spring biased away from the first wall.
11. The connection device of claim 10 wherein guide pins extend from the second wall of the clamp which engage bores in the base.
12. The connection device of claim 11, wherein spring biasing is effected by loading the guide pins with springs.
13. A connection device for attaching to the receiver rail of a weapon, which receiver rail has a top surface and opposite side surfaces, comprising; a base surface and first and second side walls for engaging in an operative position said surfaces of the receiver rail, wherein the base surface is for engaging the top surface of the receiver rail and the first side wall is stationary and is for engaging one of the side surfaces of the receiver rail and the second side wall is moveable between an extended position where it does not engage the opposite side surface of the receiver rail and said operative position where it is retracted and securely engages said opposite side surface of the receiver rail, the second side wall being part of a clamp which is connected to a bolt, wherein the clamp is pushed and pulled between said extended and retracted positions by pushing and pulling the bolt, and wherein the bolt is pushed and pulled by rotation of a self-adjusting cam, the bolt having first and second ends, one such end extending

through the clamp, there being compressible means around said bolt at said one end for exerting force on said clamp, said bolt being connected to said clamp near said one end, said cam being rotatable around a pivot pin, the bolt at its other end extending through said first wall, there being a surface opposite said first wall against which said cam works, the clamp being spring biased away from said first wall, and there being guide pins extending from the second wall of the clamp towards said first wall.

14. A connection device for attaching to the receiver rail of a weapon, which receiver rail has a top surface and opposite side surfaces, comprising; a base surface and first and second side walls for engaging in an operative position said surfaces of the receiver rail, wherein the base surface is for engaging the top surface of the receiver rail and the first side wall is stationary and is for engaging one of the side surfaces of the receiver rail and the second side wall is moveable between an extended position where it does not engage the opposite side surface of the receiver rail and said operative position where it is retracted and securely engages said opposite side surface of the receiver rail, the second side wall being part of a clamp which is connected to a bolt, wherein the clamp is pushed and pulled between said extended and retracted positions by pushing and pulling the bolt, and wherein the bolt is pushed and pulled by rotation of a cam, the bolt having first and second ends, one such end extending through the clamp, said bolt being connected to said clamp near said one end, said cam being rotatable around a pivot pin, the bolt at its other end extending through said first wall, there being a surface opposite said first wall against which said cam works, the clamp

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being spring biased away from said first wall, and there being guide pins extending from the second wall of the clamp towards said first wall.